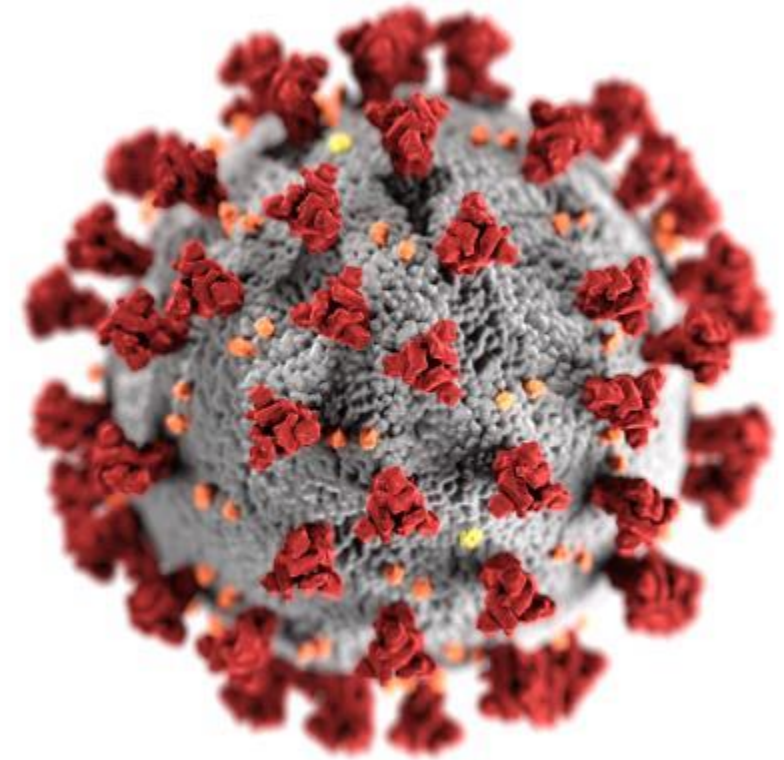


2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 24, 2021



We will begin in just a few moments. Thanks!

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SOUTH DAKOTA DEPARTMENT OF HEALTH

This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of June 23, 2021. Please check the South Dakota Department of Health website for the most current information and guidance.

COVID.sd.gov

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Agenda

- Situation Update
- Laboratory Guidance
- Infection Prevention
- Community Mitigation
- Supply Chain Management
- On-going Communications
- Q&A Session

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SOUTH DAKOTA DEPARTMENT OF HEALTH

Coronavirus Situation (as of June 23, 2021)

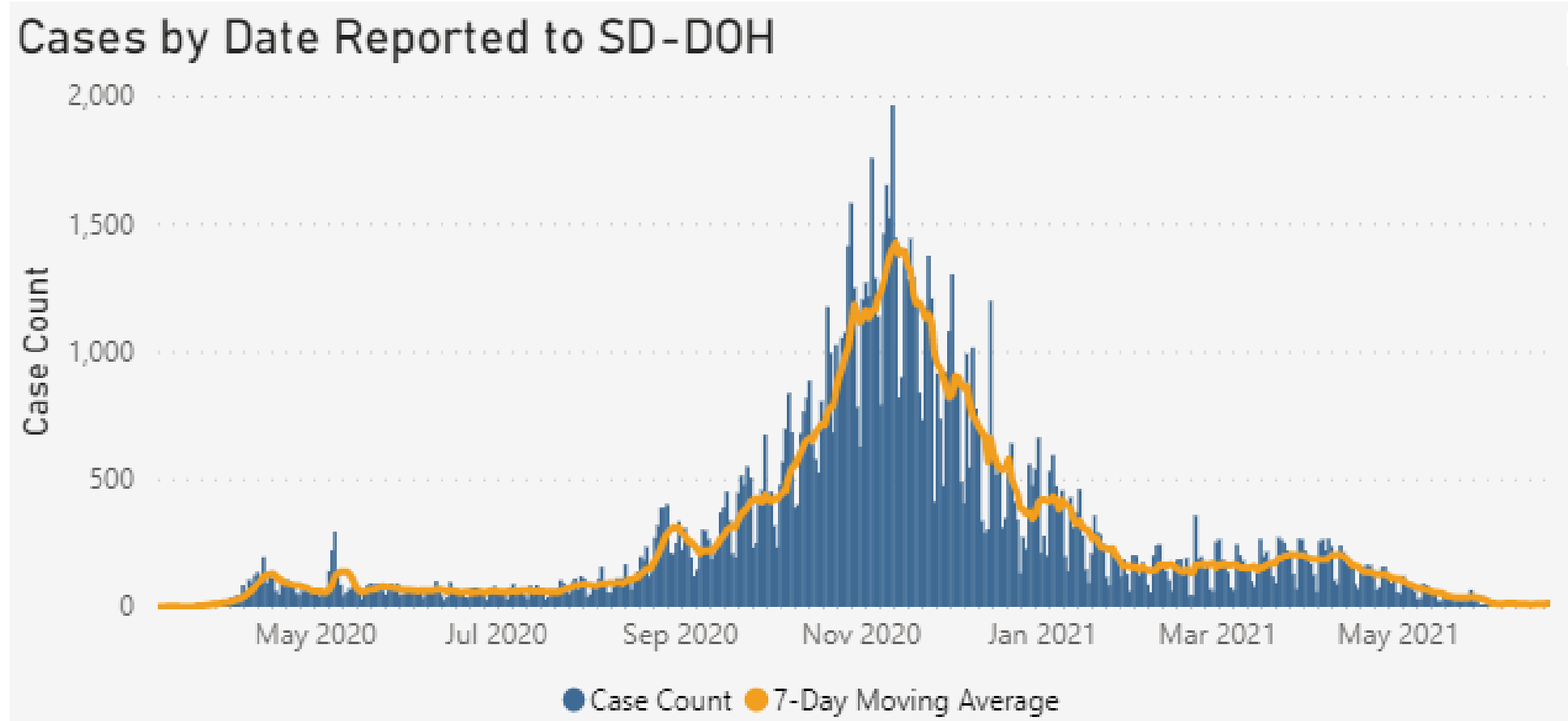
- [International](#)
 - 178,837,204 confirmed cases
 - 3,880,450 deaths
- [United States](#) (50 states + DC)
 - 33,382,705 confirmed cases
 - 599,751 deaths
- [South Dakota](#)
 - 124,468 confirmed and probable cases
 - 2,029 deaths
 - 122,277 recovered cases

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SOUTH DAKOTA DEPARTMENT OF HEALTH

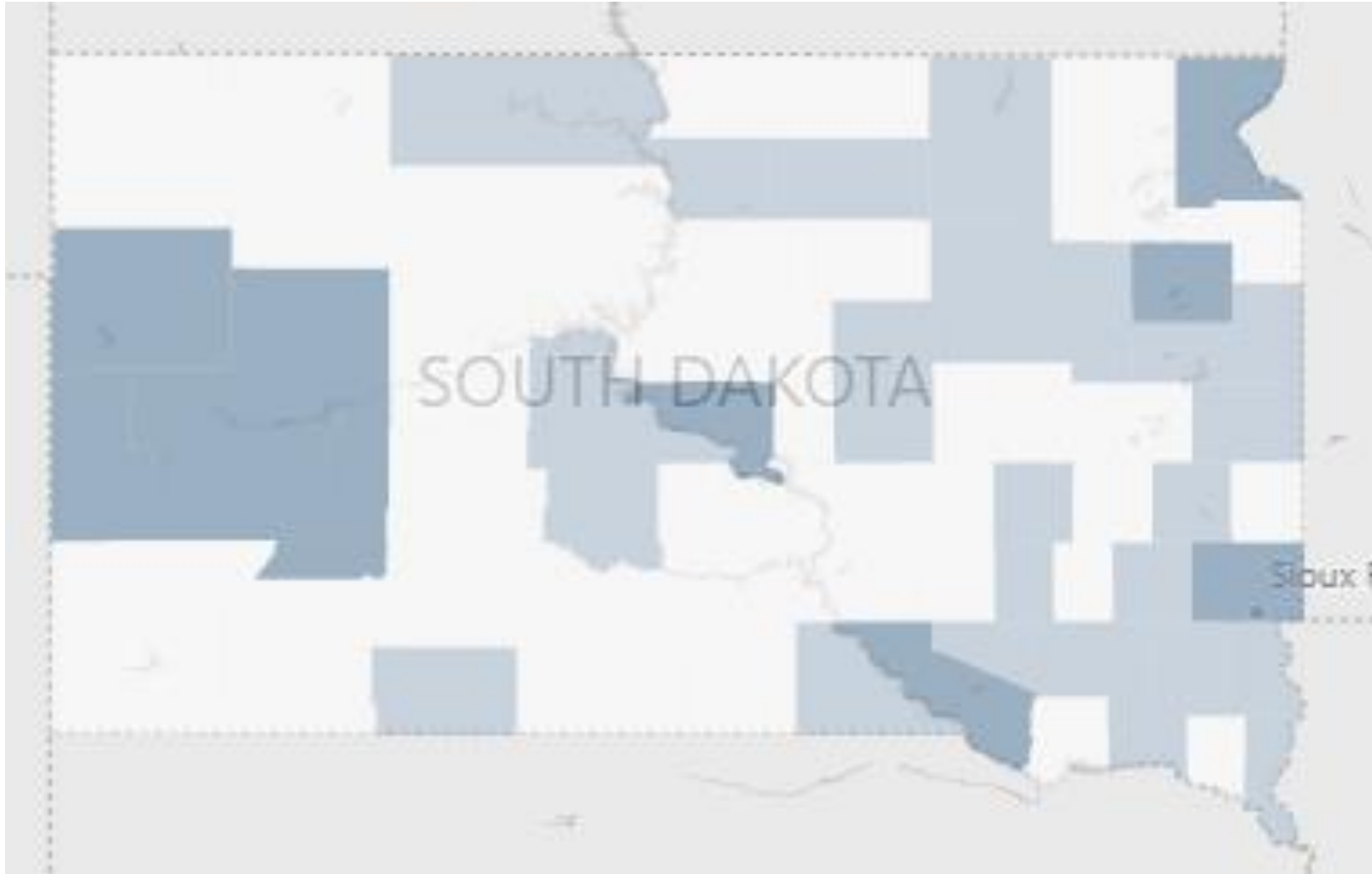
Epidemiologic “Epi” Curve of COVID-19 Cases, by Date Reported to SD-DOH



As of June 23, 2021

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COVID-19 Case Map, by County

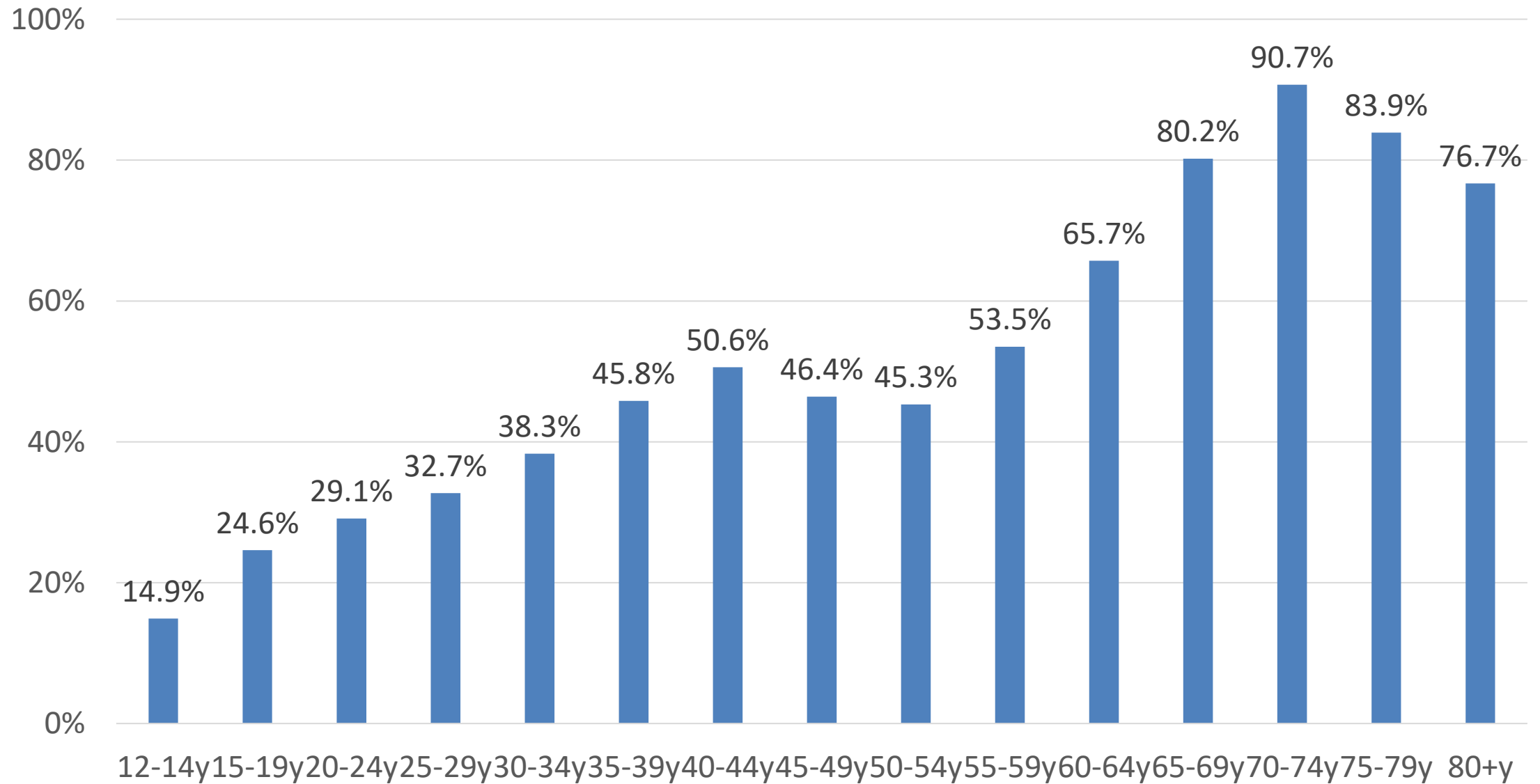


Community Spread	Number of Counties
None	33
Minimal	24
Moderate	9
Substantial	0

As of June 9, 2021

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SOUTH DAKOTA % Coverage by Age Group



Not intended for press or for reporting purposes.

General Testing Recommendations

Medical providers are recommended to test individuals (1) identified as a close contact to a person with COVID-19 or (2) signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

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Reporting COVID-19 Tests to SD-DOH

- **Reminder:** Coronavirus respiratory syndromes are a Category I disease
- Report ***immediately*** on suspicion of disease
- Reporting mechanisms:
 - Electronic Laboratory Report (ELR) – HL7 message to SD Health Link (health information exchange)
 - Flat file (CSV) – Secure email
 - Disease reporting website – sd.gov/diseasereport
 - Fax – 605.773.5509

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Breakthrough, Variant, and Potential Reinfection Cases

Breakthrough Cases	n
Cases	388
Hospitalized	57
Died	12

Variant Cases	n
Cases	191
Hospitalized	5
Died	1

Potential Reinfection	n
Cases	215
Hospitalized	26
Died	9

COVID-19 Variant Data under *Tables* tab:
<https://doh.sd.gov/COVID/Dashboard.aspx>

As of June 23, 2021

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SOUTH DAKOTA DEPARTMENT OF HEALTH

COVID-19 Vaccination Coverage and Intent Among Adults Aged 18–39 Years — United States, March–May 2021

Characteristic	Total no.*	% (95% CI)	Weighted % (95% CI) [†]			
			Vaccination status		Vaccination and intent status	
			Vaccinated (N = 1,022)	Vaccinated or definitely planning to get vaccinated (N = 1,521)	Unsure or probably will get vaccinated (N = 562)	Probably or definitely will not get vaccinated (N = 643)
Total	2,726	100 (99.9–100.0)	34.0 (31.9–36.2)	51.8 (49.3–54.4)	23.2 (21.1–25.4)	24.9 (22.9–27.1)
Education						
Less than high school	200	13.1 (11.2–15.2)	16.2 (11.1–22.5) [§]	32.4 (25.0–40.5) [§]	31.8 (24.4–39.8) [§]	35.8 (27.3–45.1) [§]
High school diploma or equivalent	533	28.0 (25.6–30.4)	23.6 (19.3–28.3) [§]	40.7 (35.6–45.9) [§]	28.5 (24.0–33.3) [§]	30.8 (26.4–35.6) [§]
Some college	932	28.9 (26.9–30.9)	33.6 (30.0–37.4) [§]	49.9 (46.0–53.8) [§]	24.6 (21.2–28.4) [§]	25.5 (22.2–29.0) [§]
Bachelor's degree or higher (Ref)	1,061	30.0 (28.0–32.1)	51.8 (48.5–55.2)	72.6 (69.4–75.7)	13.3 (11.1–15.7)	14.1 (11.7–16.8)
Household income, \$						
<24,999	420	19.1 (16.9–21.4)	21.0 (16.2–26.3) [§]	36.2 (30.0–42.7) [§]	27.0 (21.8–32.7) [§]	36.8 (30.9–42.9) [§]
25,000–49,999	604	22.2 (20.2–24.2)	28.0 (24.0–32.3) [§]	43.8 (39.1–48.7) [§]	26.3 (21.4–31.7) [§]	29.9 (25.4–34.6) [§]
50,000–74,999	537	18.4 (16.7–20.1)	35.3 (30.4–40.5) [§]	50.5 (45.3–55.7) [§]	24.7 (20.3–29.6)	24.7 (20.3–29.6) [§]
≥75,000 (Ref)	1,165	40.3 (38.0–42.7)	42.9 (39.5–46.4)	64.2 (60.9–67.5)	19.1 (16.3–22.1)	16.7 (14.5–19.1)

https://www.cdc.gov/mmwr/volumes/70/wr/mm7025e2.htm?s_cid=mm7025e2_x

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COVID-19 Vaccination Coverage Among Pregnant Women During Pregnancy — Eight Integrated Health Care Organizations, United States, December 14, 2020–May 8, 2021

TABLE. Receipt of ≥1 dose,* initiation,[†] and completion[§] of COVID-19 vaccination during pregnancy among pregnant women, by selected characteristics and by vaccine type — Vaccine Safety Datalink, United States, December 14, 2020–May 8, 2021

Characteristic	Total population	Receipt of ≥1 dose*	No. (% [¶])						
			Vaccine**						
			Total		Pfizer-BioNTech		Moderna		Janssen
			Initiation [†]	Completion [§]	Initiation [†]	Completion [§]	Initiation [†]	Completion [§]	
Total	135,968 (100)	22,197 (16.3)	7,154 (5.3)	15,043 (11.1)	3,658 (2.7)	8,226 (6.0)	3,496 (2.6)	5,992 (4.4)	825 (0.6)
Age group, yrs									
18–24	18,882 (13.9)	1,044 (5.5)	458 (2.4)	586 (3.1)	195 (1.0)	307 (1.6)	263 (1.4)	240 (1.3)	39 (0.2)
25–34	83,335 (61.3)	13,478 (16.2)	4,368 (5.2)	9,110 (10.9)	2,203 (2.6)	4,986 (6.0)	2,165 (2.6)	3,638 (4.4)	486 (0.6)
35–49	33,751 (24.8)	7,675 (22.7)	2,328 (6.9)	5,347 (15.8)	1,260 (3.7)	2,933 (8.7)	1,068 (3.2)	2,114 (6.3)	300 (0.9)
Race and Ethnicity									
White, NH	46,245 (34.0)	9,105 (19.7)	2,653 (5.7)	6,452 (14.0)	1,456 (3.1)	3,645 (7.9)	1,197 (2.6)	2,491 (5.4)	316 (0.7)
Black, NH	10,729 (7.9)	644 (6.0)	242 (2.3)	402 (3.7)	124 (1.2)	215 (2.0)	118 (1.1)	161 (1.5)	26 (0.2)
Hispanic/Latino	44,673 (32.9)	5,312 (11.9)	1,893 (4.2)	3,419 (7.7)	804 (1.8)	1,689 (3.8)	1,089 (2.4)	1,529 (3.4)	201 (0.4)
Asian, NH	19,597 (14.4)	4,834 (24.7)	1,512 (7.7)	3,322 (17.0)	834 (4.3)	1,880 (9.6)	678 (3.5)	1,252 (6.4)	190 (1.0)
Other, NH ^{††}	6,292 (4.6)	990 (15.7)	350 (5.6)	640 (10.2)	174 (2.8)	352 (5.6)	176 (2.8)	243 (3.9)	45 (0.7)
Unknown	8,432 (6.2)	1,312 (15.6)	504 (6.0)	808 (9.6)	266 (3.1)	445 (5.3)	238 (2.8)	316 (3.7)	47 (0.6)

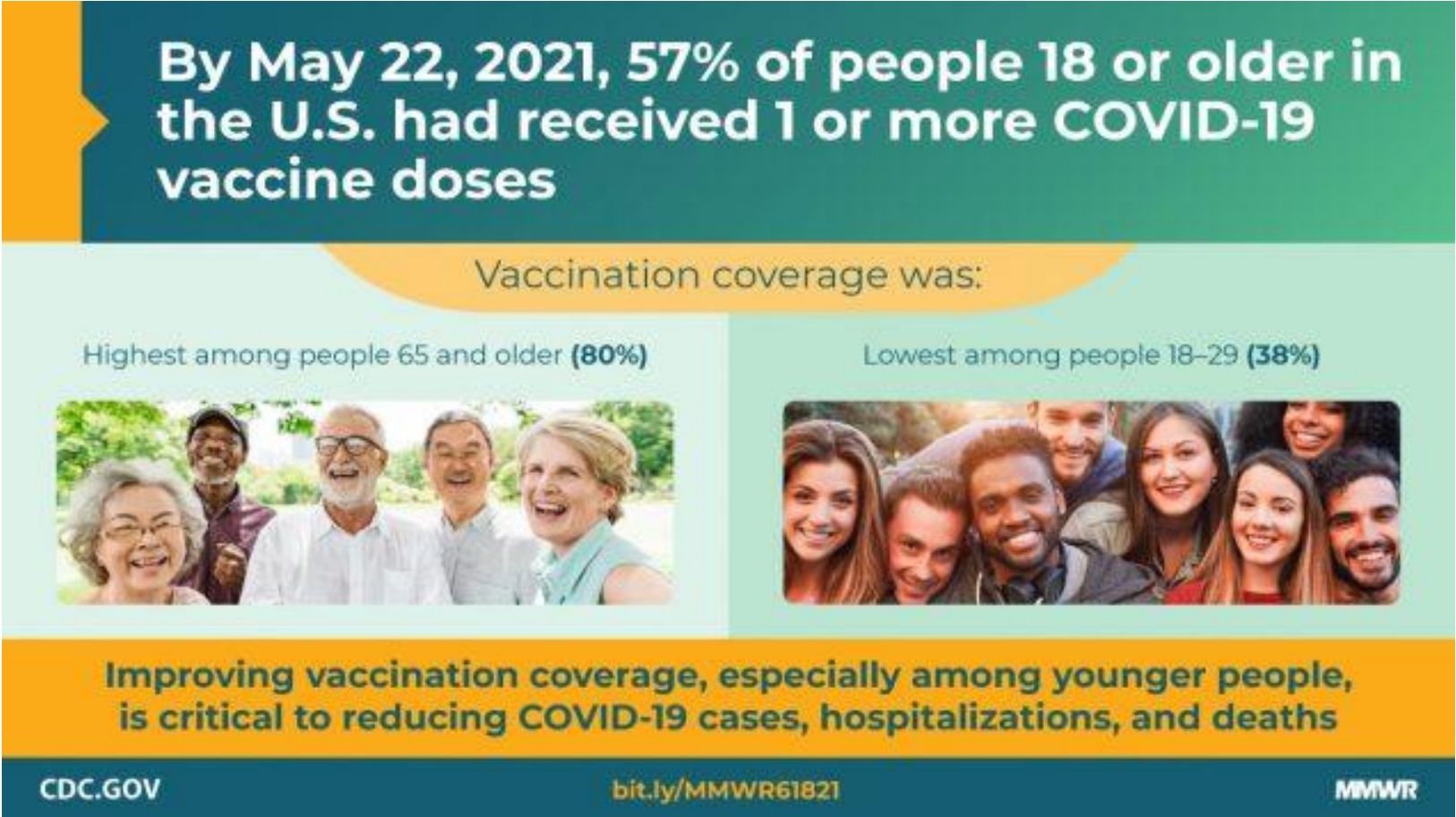
https://www.cdc.gov/mmwr/volumes/70/wr/mm7024e2.htm?s_cid=mm7024e2_x

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COVID-19 Vaccination Coverage Among Adults — United States, December 14, 2020–May 22, 2021

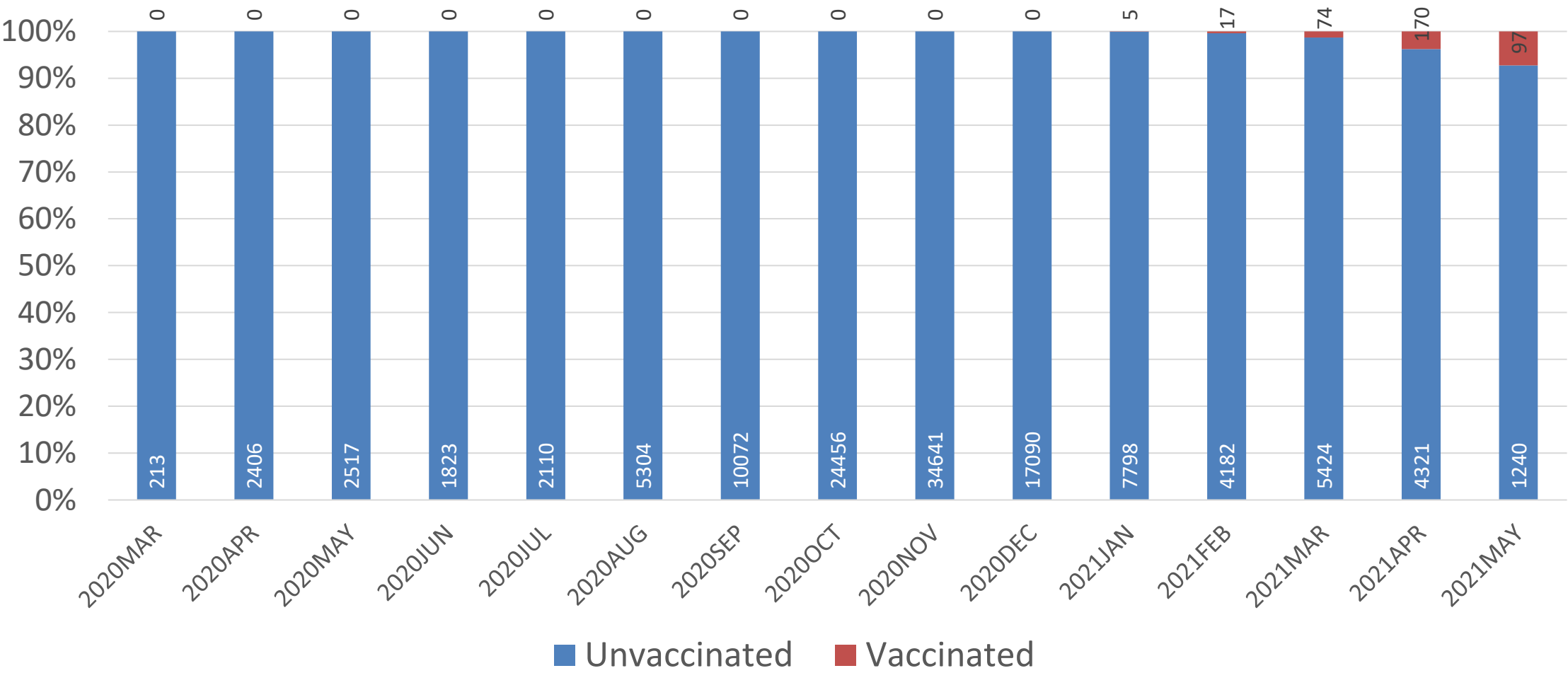


% Population Vaccinated in South Dakota	
20–29 Years	30.8%
65+ Years	82.2%

https://www.cdc.gov/mmwr/volumes/70/wr/mm7025e1.htm?s_cid=mm7025e1_x

Not intended for press or for reporting purposes.

Cases by Vaccination Status in South Dakota – March 10, 2020 - June 21



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Selected CDC Updates

Available at: <https://www.cdc.gov/coronavirus/2019-ncov/whats-new-all.html>

Frequently Asked Questions about COVID-19 Vaccination:
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/faq.html>

COVID-19 Vaccines While Pregnant or Breastfeeding:
<https://www.cdc.gov/coronavirus/2019-ncov/vaccines/recommendations/pregnancy.html>

Risk for COVID-19 Infection, Hospitalization, and Death By Race/Ethnicity:
<https://www.cdc.gov/coronavirus/2019-ncov/covid-data/investigations-discovery/hospitalization-death-by-race-ethnicity.html>

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Laboratory Guidance

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SOUTH DAKOTA DEPARTMENT OF HEALTH

Abbott BinaxNOW & ID Now Resources

- SDDOH continues to provide Abbott testing resources.
- SDDOH has placed Abbott resources in the following:
 - K-12 schools
 - Colleges and universities
 - Correctional facilities
 - Long-term care facilities
 - Critical access hospitals
 - Residential service providers to vulnerable populations
 - FQHCs and other facilities that serve vulnerable populations
- SDDOH continues to accept requests for Abbott resources. Please contact the SDPHL for details:
 - Laurie.Gregg@state.sd.us



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State-Supplied Collection and Test Kits

- SDDOH and the federal government have placed specimen collection supplies and test kits throughout South Dakota.
- Facilities that no longer have use for state-provided collection supplies and test kits are asked to consider the following:
 - Test kits:
 - Unexpired and unopened: Return to SDDOH
 - Unexpired and opened: Do not return to SDDOH; use or destroy
 - Expired and unopened: Do not return to SDDOH; destroy
 - Expired and opened: Do not return to SDDOH; destroy
 - Surveillance specimen collection kits and other specimen collection materials:
 - Resources can be repurposed for other testing needs
 - Unopened kits can be returned to SDDOH
- Please contact Laurie.Gregg@state.sd.us with questions.

SARS-CoV-2 Surveillance and Sequencing

- Monthly SARS-CoV-2 testing in South Dakota continues to decrease significantly.
- Despite the reduction in testing, **SDPHL continues to request SARS-CoV-2-positive specimens for variant analysis.**
- Continued surveillance is critical to track the spread of SARS-CoV-2 variants including the Delta variant which is projected to become the next dominant variant in the United States.

B.1.617.2 ([Pango lineage](#) )^a

Spike Protein Substitutions: T19R, (G142D*), 156del, 157del, R158G, L452R, T478K, D614G, P681R, D950N

Name ([Nextstrain](#) )^b: 20A/S:478K

WHO Label: Delta

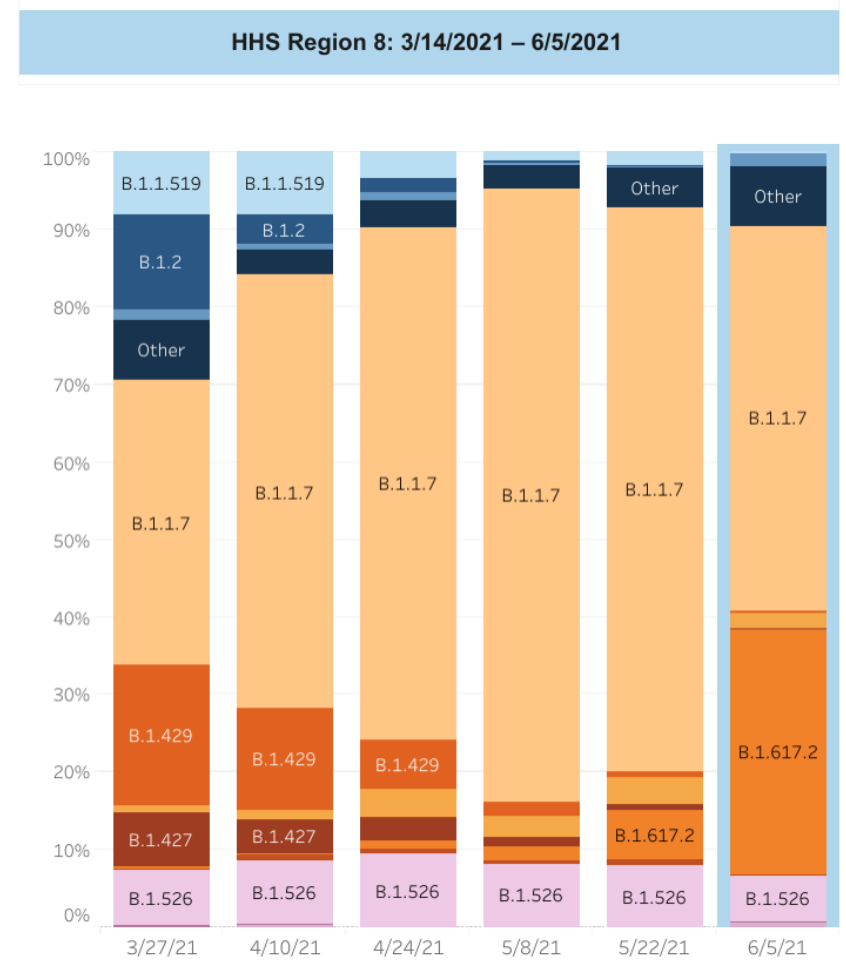
First Identified: India

Attributes:

- Increased transmissibility²⁹
- Potential reduction in neutralization by some EUA monoclonal antibody treatments ^{7, 14}
- Potential reduction in neutralization by post-vaccination sera ²¹

COVID Data Tracker

- The SARS-CoV-2 lineage in South Dakota is still B.1.1.7 (UK variant).
- B.1.617.2 (Delta variant) is rapidly spreading through HHS Region 8 which includes SD, ND, MT, CO, UT, and WY
- The South Dakota Public Health Laboratory has not detected the Delta Variant to-date.
- However, specimen submissions to the SDPHL have decreased significantly.
- SDPHL asks that our healthcare partners ensure that residual specimens from individuals that test positive for SARS-CoV-2 are submitted promptly to the SDPHL for sequencing.
- If a patient tests positive for SARS-CoV-2 using an antigen test, or any other test that does not require swab collection in VTM, please collect a second swab sample in VTM for sequencing.



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Infection Prevention

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SOUTH DAKOTA DEPARTMENT OF HEALTH

Final month to participate in the Infection Prevention Learning Needs Assessment!

Our goal of 2,000 responses is near. Please help us by promoting this survey to:

- *Teachers and Education staff
- *Environmental Service and cleaning providers
- *EMS, First Responders & Law Enforcement
- *Dialysis nursing staff
- *Community support staff members



Scan QR Code below for link to survey:



S O U T H D A K O T A
Foundation for Medical Care

THANK
YOU!

For everyone that has
participated, we appreciate your
input!

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Save the Date

October 7-8, 2021

**2021 South Dakota Infection Control
Conference – Virtual Event**

**For more information, please visit
webpage below!**

<https://und.edu/conferences/sd-infection-control/>

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Community Mitigation

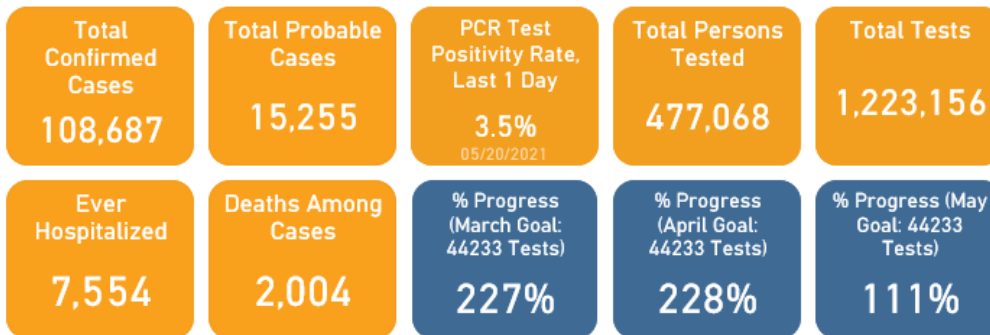
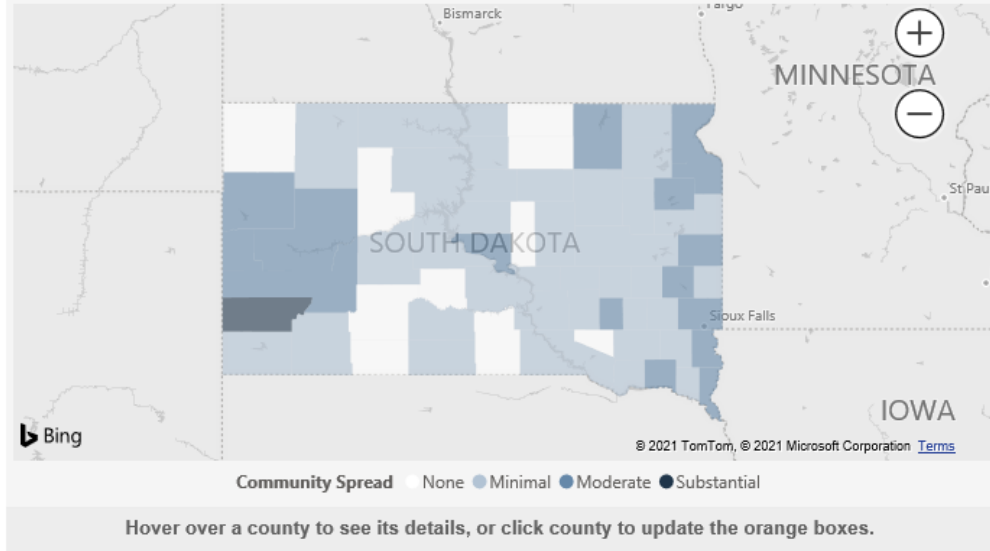
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Community Spread Map by County of Residence



Dashboard

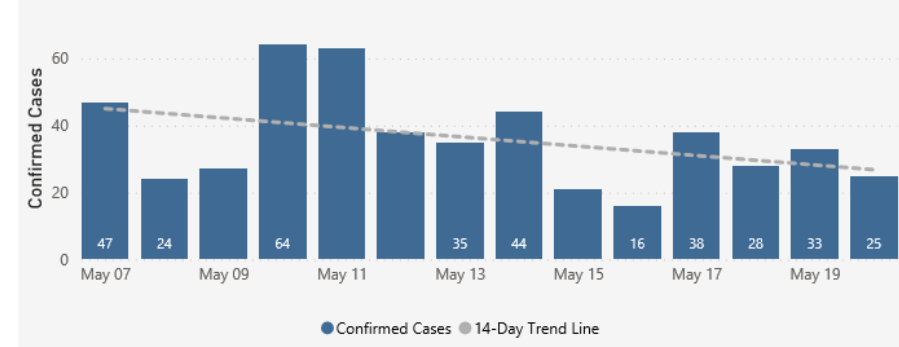
County

All



PCR Test Positivity Rate: This rate is equal to the number of positive PCR tests divided by total PCR tests, within the specified period of time. Date range includes last full day (24 hours) captured in the data set.

Confirmed Cases and 14-Day Trend Line by Date Reported to SD-DOH



14-Day Trend of Confirmed Cases by Date Reported to SD-DOH: This graph shows the trend (increasing or decreasing) of COVID-19 confirmed cases (persons who meet the national surveillance case definition case for COVID-19) at the state or county level.



Supply Chain Management

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SOUTH DAKOTA DEPARTMENT OF HEALTH

PPE Request Procedure

All requests for PPE from DOH must be:

- Emailed to COVIDResourceRequests@state.sd.us,
- Faxed to **605.773.5942**, or
- Called in to **605.773.3048** to ensure prioritization and coordination of requests.
- Do not duplicate your request by using all three means of communication.
- Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call **605.773.3048** and requesting entities must provide information regarding their current facility status.

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SOUTH DAKOTA DEPARTMENT OF HEALTH

On-going Communication

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SOUTH DAKOTA DEPARTMENT OF HEALTH

Helpful sources of information:

covid.sd.gov

coronavirus.gov

- **SD COVID-19 Help Line: 800-997-2880**

SOUTH DAKOTA
COVID-19 INFORMATION LINE
Questions about COVID-19? We're here to help.
PLEASE CALL **1-800-997-2880**



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SOUTH DAKOTA DEPARTMENT OF HEALTH

Communications

- SD-HAN: sdhan.sd.gov
- [Epi Listserv](#)
- [Lab Listserv](#)
- [HAI Listserv](#)
- [OLC Listserv](#)

Visit **covid.sd.gov** to subscribe

SOUTH DAKOTA
COVID-19 INFORMATION LINE
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Questions?

Follow-up after the webinar

COVID Helpline: 800-997-2880

Epidemiology: 605-773-3737

Laboratory: 605-773-3368

COVID.sd.gov

CDC Project Firstline Infection Control Survey.

Scan QR Code below



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